

JAN 10 2007

Date Mailed: JANUARY 10, 2007

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<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	<b>Docket Number:</b> 14633.000BUSWO	<b>Application Number:</b> 10/539,188
	<b>Applicant:</b> ITO et al.	
	<b>Filing Date:</b> June 16, 2005	<b>Group Art Unit:</b> 1621

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
W	4,880,941	Nov. 14, 1989	Shroot et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
W	60-248666	Dec. 9, 1985	Japan			abstract	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Copy of co-pending U.S. Patent Publication No. 2006/0025596					
W		"Biosynthesis of luciferin in the sea firefly, <i>Cypridina hilgendorfi</i> : L-tryptophan is a component in <i>Cypridina luciferin</i> ", Obs et al., <i>Tetrahedron Letters</i> 43 (2002) 2389-2392.					
		"Hydrogen isotope exchange reactions involving C-II (D,T) bonds", Junk et al., <i>Chemical Society Reviews</i> , 1997, volume 26, 401-406.					
		"A highly efficient synthetic procedure for deuterating imidazoles and imidazolium salts", Harducre et al., <i>Chem. Commun.</i> , 2001, 367-368.					
		GARNETT, HENDERSON, SOLLICH, VAN DYKE TIERS: "An NMR study of orientation effects in the catalytic deuteration and tritiation of aromatic compounds. Simplification of spin-coupled NMR spectra by the method of massive deuteration". <i>TETRAHEDRON LETTERS</i> , vol. 2, 1961, pages 516-522, XP002388045 * page 517, last paragraph; tables 2, last entry *					
W		ELVIDGE, JONES, MANE, AL RAWI: "Tritium nuclear magnetic resonance spectroscopy. Part 10. Distribution of Tritium in some labelled nitrogen heterocyclic compounds". <i>J. CHEM. SOC. PERKIN TRANSACTIONS</i> 2, 1979, pages 386-388, XP009068654 Experimental * table *					

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PATENT TRADEMARK OFFICE

EXAMINER	<i>W. J. J. J.</i>	DATE CONSIDERED	1/28/08
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

\*Substitute Disclosure Statement Form (PTO-1449)

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<b>FORM 1449*</b> <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 14633.81/SWO	Application Number: 10/539,188
	Applicant: ITO et al.	
	Filing Date: JUNE 16, 2005	Group Art Unit: 1621

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	4 874 890	17.10.1989	KA'IO ET AL.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
W		SAJIKI, HATTORI, AOKI, YASUNAGA, HIROTA: "Pd/C-H <sub>2</sub> -Catalysed Deuterium exchange reaction of the benzylic site in D <sub>2</sub> O" SYNLETT, no. 7, 1 July 2002 (2002-07-01), pages 1149-1151, XP002388047 * example 8; table 2 *				
W		HARDACRE, HOLBREY, MCMATH: "A highly efficient synthetic procedure for deuterating imidazoles and imidazolium salts" CHEM. COMMUN., 2001, pages 367-368, XP002388046 * the whole document *				

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EXAMINER	<i>W. W. A. C. O. L. P.</i>	DATE CONSIDERED	1/25/08
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<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 14633.8USWO	Application Number: 10/539188 UNKNOWN
	Applicant: ITO et al.	
	Filing Date: Concurrent herewith	Group Art Unit: UNKNOWN

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	3,849,458	Nov. 19, 1974	Dinh-Nguyen et al.			

  

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
W	5-19536	1993.3.17	JAPAN			Abstract	
W	61-277648	1986.12.8	JAPAN			Abstract	
W	61-275241	1986.5.12	JAPAN			Abstract	
W	63-198638	1988.8.17	JAPAN			Abstract	
W	45-17402	1976.6.16	JAPAN				X

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
W		"Iridium-Catalyzed H/D Exchange into Organic Compounds in Water", Klei et al., J. Am. Chem. Soc., Vol. 24, No. 10, 2002, pp. 2092-2093.
W		"Preparation of Fully Deuterated Fatty Acids by Simple Method", Hsiao et al., LIPIDS, Vol. 9, No. 11, pp. 913, 1974.

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EXAMINER <i>W. B. Smith</i>	DATE CONSIDERED <i>1/25/08</i>
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